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## DM-310 Portable / Laboratory Density Meter (Digital Hydrometer)

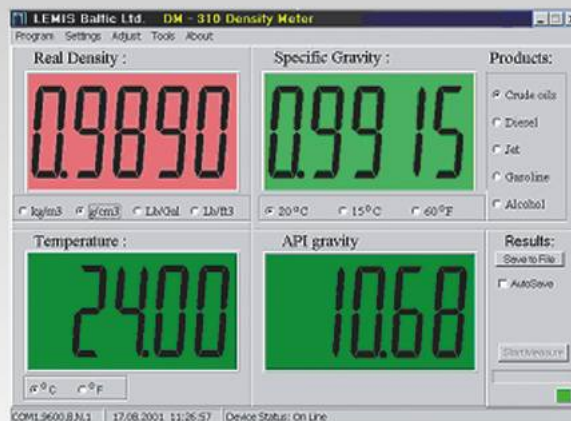


### Advantages:

- Highly accurate measurement in seconds;
- Calibrates easily with distilled water;
- Automatic temperature compensation;
- Data transfer to computer;
- Modern software under WINDOWS 95-2000;
- Measures any liquid with viscosity up to 1200cP.

### Applications:

- All petroleum products, including viscous;
- Chemicals, including aggressive;
- Spirits;
- Cosmetics;
- Pharmaceuticals;
- Foods & beverages.





Obtain quick, precise density measurements wherever your lab is ... on-site or on wheels.

The Density Meter provides valuable insight for a **wide range of liquid samples**, from highly viscous crude oil to light spirits. It is economical and **easy to operate**. And calibration could not be simpler - just use distilled water.

DM-310 enhances data acquisition and management platform by adding true PC control.

DM-310 offers **remarkable accuracy** that you can count on and possibility to measure any liquid with **viscosity up to 1200 cP**.

Transferable sensor for various density ranges, spanning 0.6500 - 1.5000 g/cm<sup>3</sup>.

All measurements received are according **ASTM D 1298**.

Versatile measurement formats enable flexible reporting options:

- Real Density;
- Temperature;
- Relative Density (15°C, 20°C);
- Specific Gravity (SG 60°F);
- API Units (API 60°F);
- % Alcohol (Pure spirits).

## Specifications

Performances		Parameters
<b>Submersible parts (material)</b>		Stainless Steel or HASTELLOY
<b>Measuring ranges</b>	density	0.6500 - 1.1000 g/cm <sup>3</sup> (650.0 - 1100.0 kg/m <sup>3</sup> )
	temperature	1.0500 - 1.5000 g/cm <sup>3</sup> (1050.0 - 1500.0 kg/m <sup>3</sup> ) 0°C - +70°C
<b>Accuracy</b>	density	±0.0003 g/cm <sup>3</sup> (0.3 kg/m <sup>3</sup> )
	temperature	±0.1°C
<b>Resolution</b>	density	±0.0001 g/cm <sup>3</sup> (0.1 kg/m <sup>3</sup> )
	temperature	±0.01°C
<b>Temperature compensation</b>		Automatic
<b>PC compatibility</b>		Serial cable
<b>Dimensions</b>		315 x 150 x 170 mm
<b>Weight</b>		2.5 kg
<b>Power supply</b>		12 V (110 - 220 V with adapter)

**Lemis Baltic**

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